**House Project**

**Geometry B – Winter 2010**

You’ve already been introduced to:

# Stage One: Your Client

* 1 page typed (1 inch margins, 12 point font) narrative about the family or person for whom you are designing the house
* There should be paragraphs, as well as correct spelling, grammar and punctuation.

# Stage Two: The Plan

* One floor plan for the first floor
* One floor plan for the second floor
* One landscape design for the outdoors
* Distinct calculations based on the aspects of your house:
* Find the area and perimeter of each room in your house.
* Find the area and perimeter/circumference of your outdoor feature.
* Find the perimeter and area of the fenced-in region outside.
* List these calculations on a separate sheet of paper and show all of your work.

Now, here is ….

# Stage Three: The Cost

* Decide how high the ceilings are in your house
* Decide what colors of paint and flooring you want
* Determine the total area you will need to cover for each paint and each flooring choice
* Research online for the cost of the paint flooring
* Determine the cost of painting and flooring all parts of your house
* Determine the cost of the plants and external features for your house (trees, pool, etc.)
* Create a spreadsheet or other document that clearly lays out the costs for your client; provide similar lower cost alternatives for the more expensive features

# Due Date

**The FINAL PROJECT (all three stages) is due on THURSDAY, JANUARY 28**